LexisNexis
RISK SOLUTIONS

Uncover user intent from login to logout

with real-time behavioral and device intelligence

Fraud Is Evolving Faster Than Traditional Defenses Can Keep Up

Modern-day businesses demand proactive risk assessment across the customer journey to stay one step ahead.

Behavioral intelligence adds a contextual layer that can't be forged—revealing the true intent behind every digital interaction.

What Is Behavioral Intelligence?

The analysis of human-device interaction patterns and signals (such as mouse movements, typing rhythms, touch gestures and device handling) to help detect anomalies linked to evolving threats and optimize trusted digital experiences.

DEVICE HANDLING

MOUSE MOVEMENTS

TYPING RHYTHMS

TOUCH GESTURES

Understand Behavior and Act with Greater Clarity—**LexisNexis® BehavioSec®**

Reduce fraud, streamline operations and improve consumer trust with precise behavioral intelligence, proven to help you recognize trusted digital interactions while actively detecting subtle anomalies with predictive AI.

A frictionless defense, BehavioSec® helps you uncover user intent with increased precision from the very first interaction. It goes beyond static authentication credentials and device data to analyze how users interact with your digital environment, empowering your business to:

| Deliver a smoother experience that builds consumer loyalty and boosts your bottom line | Increase efficiency and manage fraud losses by reducing false positives and manual reviews | Streamline operations by easily integrating device and behavioral intelligence through a single API |

Why BehavioSec?

One Platform, One API

Unify your tech stack with a modular platform delivering device, behavioral and multi-signal intelligence for tailored fraud detection

A Smoother User Experience
Collect passive signals in the background, verify trust and allow users to interact without interruption

Verification from Login to Logout
Continuously monitor user behavior throughout the entire session to help ensure trustworthiness at every touchpoint

Improve Efficiency Across All Touchpoints
Automate decisions and reduce manual reviews across the user journey, enhancing operational efficiency
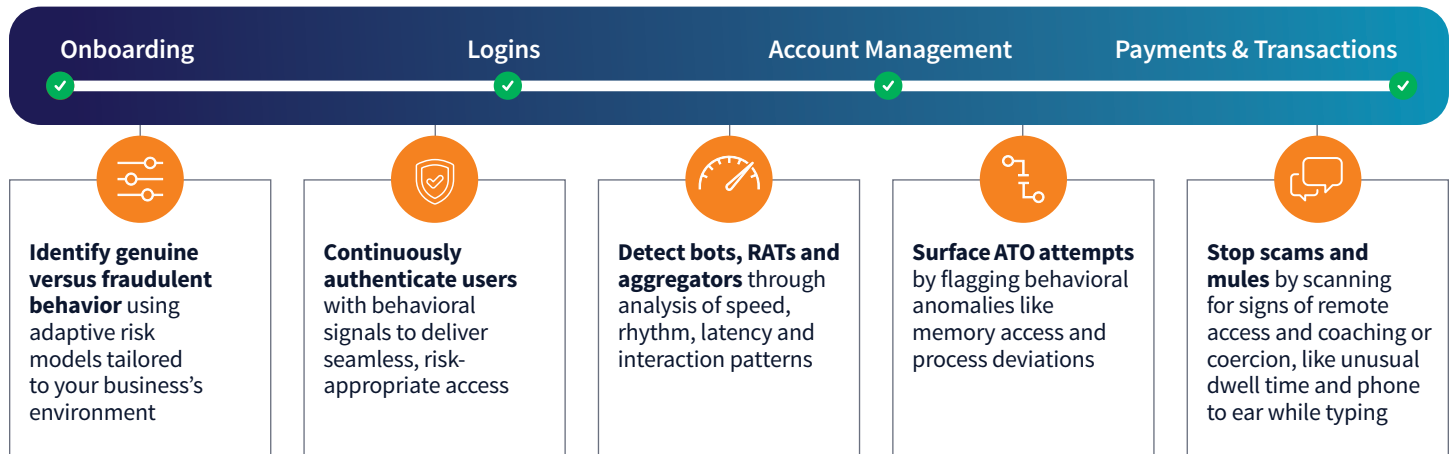
Responsible AI with Privacy at the Core
Every decision is powered by responsible AI helping ensure transparency and preserving user privacy at every step
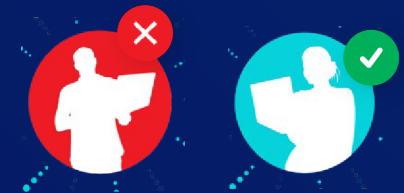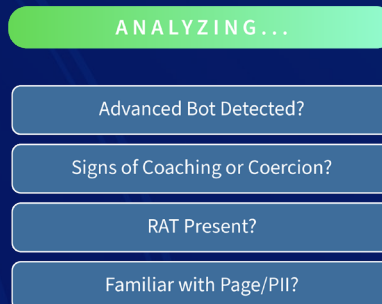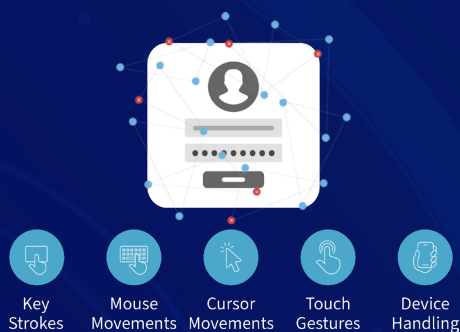
Intelligent Profiling for All Users
Purpose-built AI evaluates risk for both new and returning users, adapting to behavioral patterns in real-time

Distinguish Between Trusted and Risky Behavior With Greater Precision—From Login To Logout

Onboarding	Logins	Account Management	Payments & Transactions

Identify genuine versus fraudulent behavior using adaptive risk models tailored to your business's environment

Continuously authenticate users with behavioral signals to deliver seamless, risk-appropriate access

Detect bots, RATs and aggregators through analysis of speed, rhythm, latency and interaction patterns

Surface ATO attempts by flagging behavioral anomalies like memory access and process deviations

Stop scams and mules by scanning for signs of remote access and coaching or coercion, like unusual dwell time and phone to ear while typing

How Does BehavioSec Work?

Key Strokes · Mouse Movements · Cursor Movements · Touch Gestures · Device Handling

ANALYZING...

Advanced Bot Detected?

Signs of Coaching or Coercion?

RAT Present?

Familiar with Page/PII?

1. Collect

A user interacts with your app or website as they always have without any altered or extra steps. Behavioral and device signals are collected passively in the background.

2. Analyze

AI-powered anomaly detection evaluates and contextualizes the user's behavior to help predict the level of risk behind the interaction.

- **For returning users**, their unique profile helps determine it's really them through comparison of previous activity.

- **For new users,** population profiling helps predict the user is genuine through comparison of known fraudulent activities activities for your industry, business type and similar environments

3. Decide

A behavioral score is delivered to your business at each touchpoint in real time with clear reasoning and explainability, so your business can confidently make risk decisions—tailored to your business's risk tolerance and configuration needs.

- Reason codes and raw data are also provided, ready to plug seamlessly into your existing workflows for immediate decisioning.

More genuine users are confidently flagged as Low-Risk, helping you accelerate access for trusted users, reduce friction and improve efficiency for your business.

Trusted by Leading Organizations Worldwide

$1.6M

estimated anual savings for customer experiencing **sophisticated scam attacks**

70%

fraud detection rate of high-volume account takeover attempts utilizing **advanced bots**

28%

increase in fraud capture rate while maintaining low intervention rate for customer **defending against RAT's**

Turn Overwhelming Data into Clear and Confident Decisions

✓ **Unveil insights that matter**
Precision-driven behavioral analytics goes beyond the surface, detecting patterns, anomalies and hidden signals to reveal actionable intelligence that drives impact.

✓ **Optimize growth and drive efficiency**
Save time and money, and reduce manual reviews with a single, scalable platform—LexisNexis® Dynamic Decision Platform—for digital, physical and behavioral signals.

✓ **Deliver a seamless consumer experience**
Device and behavioral signals are collected silently in the background, so your consumers can interact without disruption—increasing trust from the start.

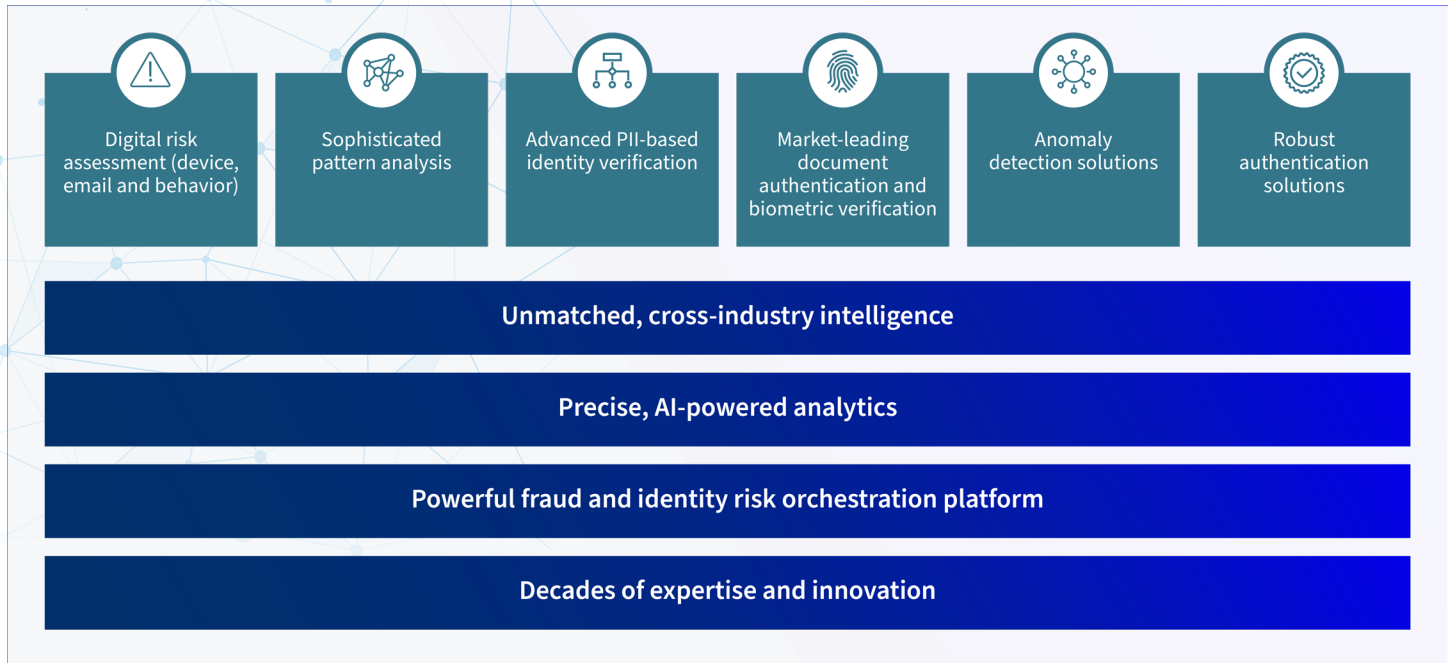✓ **Remain compliant and protect consumers' privacy**
Help ensure security without privacy comprises, no matter where in the world you do business.
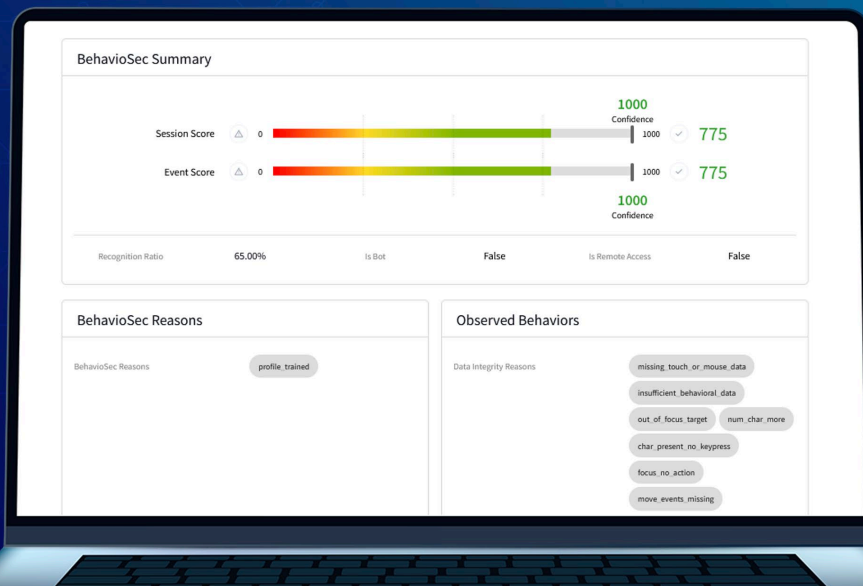
✓ **Maximize your ROI**
See value across your website and app, regardless of your focus industry, and easily integrate with device-level intelligence to capture digital identity context with LexisNexis® ThreatMetrix®. All digital interactions. All industries.

Secure Every Customer Interaction with Speed, Reliability and Precision

| Digital risk assessment (device, email and behavior) | Sophisticated pattern analysis | Advanced PII-based identity verification | Market-leading document authentication and biometric verification | Anomaly detection solutions | Robust authentication solutions |

Unmatched, cross-industry intelligence

Precise, AI-powered analytics

Powerful fraud and identity risk orchestration platform

Decades of expertise and innovation

See BehavioSec in Action
Schedule a Tailored Demo with One of Our Specialists

BehavioSec Summary

	1000 Confidence	
Session Score	0 ... 1000	775
Event Score	0 ... 1000	775
	1000 Confidence	

| Recognition Ratio | 65.00% | Is Bot | False | Is Remote Access | False |

BehavioSec Reasons

BehavioSec Reasons — profile_trained

Observed Behaviors

Data Integrity Reasons — missing_touch_or_mouse_data, insufficient_behavioral_data, out_of_focus_target, num_char_more, char_present_no_keypress, focus_no_action, move_events_missing

Recognized Around the World for Award-Winning Technology

LexisNexis® RISK SOLUTIONS

CYBERSECURITY BREAKTHROUGH AWARDS

Future Digital Awards — Platinum Award — JUNIPER — Fraud & Security Innovation of the Year — Fintech & Payments Awards 2023

2023 FRAUD PREVENTION SOFTWARE — MARKET LEADER

FORRESTER WAVE LEADER 2022 — Identity Verification Solutions

Chartis Retail Finance Analytics50 2024 — LexisNexis Risk Solutions — Identity Analytics

CYBER SECURITY EXCELLENCE AWARDS — WINNER 2023

datos — Best in Class 2023

F&S Frost & Sullivan

About LexisNexis Risk Solutions

LexisNexis® Risk Solutions includes seven brands that span multiple industries and sectors. We harness the power of data, sophisticated analytics platforms and technology solutions to provide insights that help businesses and governmental entities reduce risk and improve decisions to benefit people around the globe. Headquartered in metro Atlanta, Georgia, we have offices throughout the world and are part of RELX (LSE: REL/NYSE: RELX), a global provider of information-based analytics and decision tools for professional and business customers. For more information, please visit LexisNexis Risk Solutions and RELX.